

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

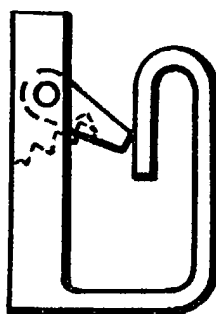
(12) UK Patent Application (19) GB (11) 2 265 659 (13) A
(43) Date of A publication 06.10.1993

(21) Application No 9207014.3	(51) INT CL ⁵ A01K 1/04, F16B 45/02
(22) Date of filing 30.03.1992	(52) UK CL (Edition L) E2A AHA A203 U1S S1018
(71) Applicant Alan Charles Lewis Morgan 131 High Street, Shepperton, Middlesex, TW17 9BL, United Kingdom	(56) Documents cited GB 0692635 A GB 0401523 A FR 002519233 A US 4539732 A US 4422678 A
(72) Inventor Alan Charles Lewis Morgan	(58) Field of search UK CL (Edition K) E2A AHA AHD AHE AHG AHL INT CL ⁵ A01K, F16B Online databases: WPI
(74) Agent and/or Address for Service MGM Promotions Limited 80 High Street, Shepperton, Middlesex, TW17 9AU, United Kingdom	

(54) Tethering hook

(57) The invention comprises a labyrinthine hook or spring-clip adapted for secure fastening to a suitable structure such as a wall, fence or post (preferably securely attached to a small plaque or board for advertising material) and to a method of restraining a leashed animal, preferably a dog, outside commercial premises, which method comprises affixing an animal by its leash to a labyrinthine hook and/or spring clip adapted for secure fastening to a wall.

FIG. 7



GB 2 265 659 A

1/3

FIG. 1

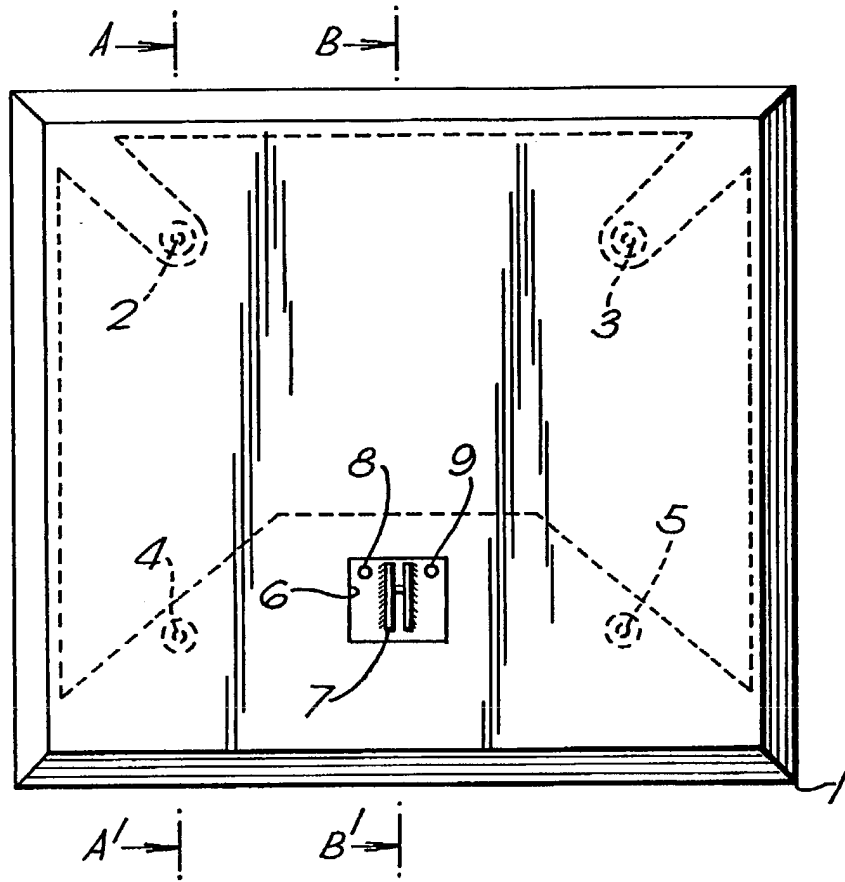
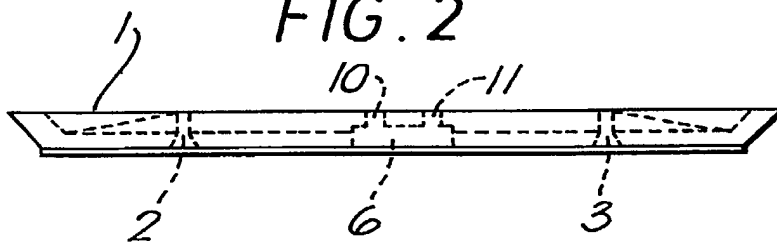


FIG. 2



2/3

FIG. 2A

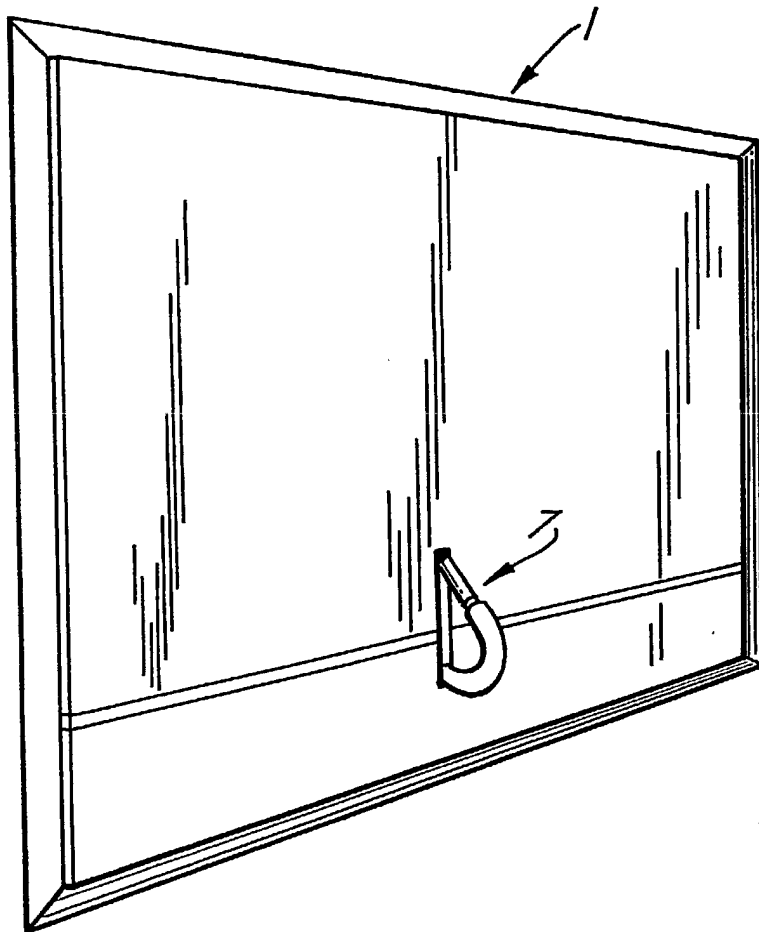


FIG. 3

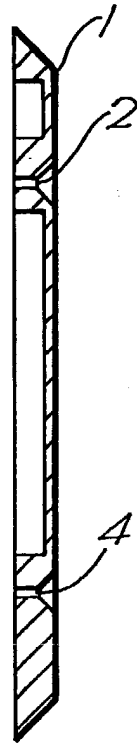


FIG. 4

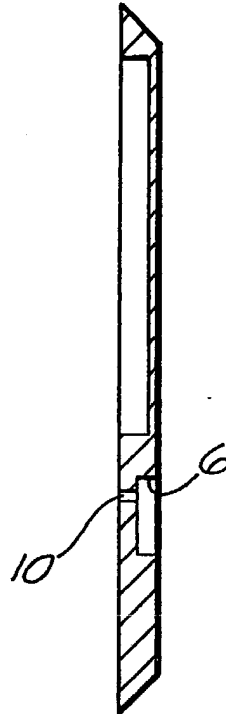


FIG. 5

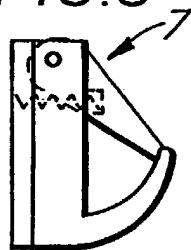


FIG. 6

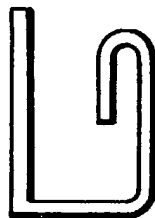
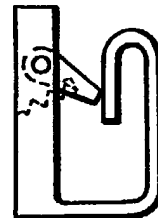


FIG. 7



Animal Restraining Device

This invention relates to an animal restraining device and to a method of ensuring the safe placing of animals, particularly dogs, outside commercial establishments where only guide dogs for the blind are
5 allowed to enter.

The vast majority of commercial establishments such as banks, shops and the like, either positively bar dogs (apart from guide dogs) from entering their premises or discourage their entering. Furthermore few
10 provide any form of hitching post or other means of safely restraining a dog whilst its owner enters the premises. Some provide a simple hook from which, if a leash is simply placed over the hook, may easily escape by jumping. Others provide bars to which an owner ties a leash.
15 Unless the owner is skilled in tying knots and the leash is very long this can be dangerous.

Dog owners are therefore faced with trying to find a suitable projection, lamp post or pillar to which the dogs may be tied by their
20 leashes. Some dog owners even resort to relying on a dog's obedience training to make it wait outside premises entirely unrestrained. Very few, if any, dogs are sufficiently well trained to ignore all distractions, especially cats or other dogs, and are likely to leave the position where they have been placed and run into traffic and cause
25 accidents.

The present invention provides a simple safe and effective device which is readily attached to a wall or fence for parking dogs, together with advertising space as an incentive to their use.

5 The invention comprises a labyrinthine hook or spring-clip or a combination of both adapted for secure fastening to a suitable structure such as a wall, fence or post and to a method of restraining a leashed animal, preferably a dog, outside commercial premises, which method comprises affixing an animal by its leash to a labyrinthine
10 hook/spring clip adapted for secure fastening to a wall.

In a preferred embodiment the labyrinthine hook/spring clip is securely attached to a small plaque or board which in turn is securely fixed to a wall, the size of plaque or board being sufficient to
15 accommodate advertising material.

The preferred form of labyrinthine hook is one in which end of the hook has been doubled back on itself to form an inverted "U" but the hook may be of any shape which would enable a person to thread an animal
20 leash over but which is sufficiently complex in form that the leash cannot be readily detached by movement of the animal.

There now follows by way of example and illustration, with particular reference to the drawings, a description of typical embodiments of the
25 invention.

Figure 1 is a plan view of typical form of the invention

Figure 2 is a section of one side

5 Figure 2A is perspective view of an advertising board in accordance with the invention with spring clip 7 in the recess 6

Figure 3 is a section along the plane A - A'

10 Figure 4 is a section along the plane B - B'

Figure 5 is a section of a typical hook with a spring clip as used in the present invention

15 Figure 6 is a section of an alternative hook in which the labyrinth takes the form of a hook in which its end is bent into an inverted "U"

Figure 7 is a section of a labyrinthine hook as illustrated in Figure 6 combined with a spring clip.

20

The device consists of an advertising board 1 with chamfered edges 1a and fixing holes at 2,3, 4 and 5. A recess 6 is provided on the board to allow a spring clip 7 to be inset flush with the face of the board.

The spring clip is provided with fixing holes 8 and 9, with
25 corresponding holes 10 and 11 in the recess.

The board is attached by ordinary screws and fixing devices to a wall and the spring clip is attached to the board and the wall by means of very secure fixing devices such as RAWLBOLTS (Trade Mark). The board is covered with an advertisement which hides the fixing screws in the board and in operation a dog owner simply places the looped end of a leash over the spring clip by pressing down. Since it is necessary to press down again on the clip to remove the leash, no amount of movement by a dog will dislodge the leash from the clip.

The number of devices outside any commercial premises will be determined by the size of the premises. Generally such devices should be sufficiently far apart to ensure that two dogs cannot fight ie the length of two leads plus the length of two large dogs. Outside larger premises a long advertising board with two or more devices thus spaced may be used.

Claims

- 1 A device for restraining animals for deployment outside commercial premises characterised in that it comprises an advertising board and a hook for the ready insertion of an animal leash and adapted to prevent the removal of the leash by movement of the animal.
- 2 A device as claimed in claim 1 in which the hook is in the form of a spring clip.
- 3 A device as claimed in claim 1 or claim 2 in which the hook is labyrinthine.
- 4 A device as claimed in claim 1 substantially as hereinbefore described with reference to the drawings.
- 5 A method of restraining an animal using a device as claimed in any one of claims 1, 2, 3 or 4.

Examiner's report to the Comptroller under
Section 17 (The Search Report)

Application number

9207014.3

Relevant Technical fields

(i) UK CI (Edition K) E2A (AHA, AHD, AHE, AHG, AHL)

(ii) Int CL (Edition 5) A01K; F16B

Search Examiner

MR A ANGELE

Databases (see over)

(i) UK Patent Office

(ii) WPI

Date of Search

22 MAY 1992

Documents considered relevant following a search in respect of claims

1 TO 3

Category (see over)	Identity of document and relevant passages	Relevant to claim(s)
X, Y	US 4422678 (TUCKETT)	1 and 3
X, Y	FR 2519233 (TURCKE)	1 and 2
Y	US 4539732 (WOLNER)	2
Y	GB 692635 (RIVE& WEAR ETC)	3
Y	GB 401523 (ETBL. CH. FAUREHOUX)	2, 3

Category	Identity of document and relevant passages	Relevant to claim(s)

Categories of documents

X: Document indicating lack of novelty or of inventive step.

Y: Document indicating lack of inventive step if combined with one or more other documents of the same category.

A: Document indicating technological background and/or state of the art.

P: Document published on or after the declared priority date but before the filing date of the present application.

E: Patent document published on or after, but with priority date earlier than, the filing date of the present application.

&c: Member of the same patent family, corresponding document.

Databases: The UK Patent Office database comprises classified collections of GB, EP, WO and US patent specifications as outlined periodically in the Official Journal (Patents). The on-line databases considered for search are also listed periodically in the Official Journal (Patents).